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AFSC 2A7X4

SURVIVAL EQUIPMENT

CAREER FIELD EDUCATION AND TRAINING PLAN

CAREER FIELD EDUCATION AND TRAINING PLAN
SURVIVAL EQUIPMENT SPECIALTY
AFSC 2A7X4

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CAREER FIELD EDUCATION AND TRAINING PLAN
SURVIVAL EQUIPMENT SPECIALTY
AFSC 2A7X4

PART I

Preface

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources, and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training. To read, review, or print a copy of the current CFETP, go to the Aircraft Maintenance Homepage at: http://140.185.52.73/ilm/ilmm/acmaint/.

NOTE: Civilians occupying associated positions will use Part II to support duty position qualification training.

2. The CFETP consists of two parts; supervisors use both parts to plan, manage, and control training.

2.1. Part I provides information necessary for overall management of the specialty. Section A explains how everyone will use the plan. Section B identifies career field progression information, duties and responsibilities, training strategies, and career field path. Section C associates each level with specialty qualifications (knowledge, education, training, and other). Section D indicates resource constraints. Some examples are funds, manpower, equipment, and facilities. Section E identifies transition training guide requirements to SSgt through MSgt.

2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes duties, tasks, and technical references to support training, Air Education and Training Command (AETC) conducted training, wartime course requirements, core task, and correspondence course requirements. Section B contains the course objective list and training standards supervisors use to determine if airmen satisfied training requirements. Section C identifies available support materials. An example is a Qualification Training Package (QTP) developed to support proficiency training. Section D identifies a training course index supervisors use to determine resources available to support training. Included here are both mandatory and optional courses. Section E identifies MAJCOM unique training requirements supervisors use to determine additional training requirements unique to the MAJCOM. At the unit level, supervisors and training will use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

3. Using guidance provided in the CFETP will ensure individuals in this specialty receive effective and efficient training at the appropriate point in their career. This plan will enable us to train today's work force for tomorrow's jobs.

ABBREVIATIONS/TERMS EXPLAINED

Advanced Training (AT). Formal course which provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected career airmen at the advanced level of the AFS.

Air Force Job Qualification Standard (AFJQS). A comprehensive task list that describes a particular job type or duty position. Supervisors use this to document task qualifications. The tasks on an AFJQS are common to all persons serving in the described duty position.

Career Field Education and Training Plan (CFETP). A CFETP is a comprehensive, multipurpose document covering the entire spectrum of education and training for a career field. It outlines a logical growth plan that includes training resources and is designed to make career field training identifiable, to eliminate duplication, and to ensure this training is budget defensible.

Certification. A formal indication of an individual's ability to perform a task to required standards.

Certification Official. A person the commander assigns to determine an individual's ability to perform a task to required standards.

Continuation Training. Additional training that exceeds requirements with emphasis on present or future duty assignments.

Core Task. A task Air Force Career Field Managers (AFCFMs) identify as a minimum qualification requirement within an Air Force specialty regardless of duty position. Core tasks identified with an */R are optional for AFRC and ANG.

Critical Task. Additional tasks, identified by MAJCOM Functional Managers, commanders, and supervisors as being required for skill-level upgrade training. When designated, certify these core tasks using normal core task certification procedures.

Course Objective List (COL). A publication identifying the tasks and knowledge requirements and respective standards provided to achieve a 3-/7-skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations in accordance with AFI 36-2201, *Air Force Training Program.*

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill level of a specialty.

Exportable Training. Additional training via computer assisted, paper text, interactive video, or other necessary means to supplement training.

Field Technical Training (Type 4). Special or regular on-site training conducted by a training detachment (TD) or by a mobile training team (MTT).

Initial Skills Training. A formal resident course resulting in award of a 3-skill level AFSC.

Instructional System Development (ISD). A deliberate and orderly process for developing, validating, and reviewing instructional programs that ensures personnel are taught the knowledge and skills essential for successful job performance.

Mission Ready Airman. A formal course which results in an airman receiving hands-on training and task certification of selected tasks so the individual will be immediately productive upon arrival at their first duty section.

Occupational Survey Report (OSR). A detailed report showing the results of an occupational survey of tasks performed within a particular AFS.

On-the-Job Training (OJT). Hands-on, over-the-shoulder training at the duty location used to certify personnel for both skill level upgrade and duty position qualification.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an airman in a specific duty position. This training occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job.

Qualification Training Package (QTP). An instructional package designed for use at the unit to qualify, or aid qualification, in a duty position or program, or on a piece of equipment. It may be printed, computer-based, or in other audiovisual media.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment, that preclude desired training from being delivered.

Specialty Training Standard (STS). An Air Force publication that describes an Air Force Specialty in terms of tasks and knowledge an airman may be expected to perform or to know on the job. It serves as a contract between Air Education and Training Command and the functional user to show which of the overall training requirements for an Air Force Specialty are taught in formal schools, career development courses, and exportable courses.

Upgrade Training (UGT). A mixture of mandatory courses, task qualification, QTPs, and CDCs required for award of the 3-, 5-, 7-, or 9-skill level.

Utilization and Training Workshop (U&TW). A forum, co-chaired by the AFCFM and Training Pipeline Manager, of MAJCOM Air Force Specialty Code (AFSC) functional managers, Subject Matter Experts (SMEs), and AETC training personnel that determines career ladder training requirements.

Section A - General Information

1. Purpose. This CFETP provides information necessary for Air Force Career Field Managers (AFCFMs), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, manage, and conduct an effective career field training program. This plan outlines the training that individuals in AFSC 2A7X4 should receive to develop and progress throughout their career. This plan identifies initial skills, upgrade, qualification, advanced, and proficiency training. Initial skills training is the AFS specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Normally, this training is conducted by AETC at one or more of the technical training centers. Upgrade training identifies the mandatory courses, task qualification requirements, and correspondence course completion requirements for award of the 3-, 5-, 7-, and 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skills/knowledge required to do the job. Advanced training is formal training that provides individuals who are qualified in one or more positions of their Air Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Supplemental training is either in-residence or exportable advanced training courses, or on-the-job training. The CFETP has several purposes, some are:

1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program. Also, it is used to help supervisors identify training at the appropriate point in an individual's career.

1.2. Identifies task and knowledge training requirements for each skill level in the specialty and recommends education/training throughout each phase of an individual's career.

1.3. Lists training courses available in the specialty, identifies sources of training, and identifies the training delivery method.

1.4. Identifies major resource constraints that impact full implementation of the desired career field training process.

2. Uses. The plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available for each individual in the specialty.

2.1. AETC training personnel will develop/revise formal resident, non-resident, field, and exportable training based on requirements established by the users and documented in Part II of the CFETP. They will also work with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.

2.2. MFMs will ensure their training programs complement the CFETP mandatory initial, upgrade, and proficiency requirements. OJT, resident training, contract training, or exportable course can be used to satisfy the identified requirements. MAJCOM-developed training to support this AFS must be identified for inclusion into the plan.

2.3. Each individual will complete the mandatory training requirements specified in this plan. The lists of courses in Part II will be used as a reference to support training.

3. Coordination and Approval. The AFCFM is the approval authority. MAJCOM representatives and AETC training personnel will identify and coordinate on the career field training requirements. The AETC training manager for this specialty will initiate an annual review of this document by AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training.

Section B - Career Progression and Information

4. Specialty Description.

4.1. **Specialty Summary.** Refer to AFMAN 36-2108, *Airman Classification*, paragraph 1. Disassembles, assembles, inspects, fabricates, cleans, repairs, and packs aerospace weapon system components such as protective clothing, upholstery, thermal radiation barriers, protective covers, flotation equipment, emergency evacuation systems, and parachutes. Related DoD Occupational Subgroup: 760.

4.2. **Duties and Responsibilities.** Refer to AFMAN 36-2108, paragraph 2.

4.2.1. Plans and schedules parachute and fabric activities. Establishes performance standards, improves work methods, and advises on inspection, repair, and repack of aircrew survival equipment. Checks repaired and repacked survival equipment and determines serviceability based on required specifications and technical publications. Evaluates problems and determines feasibility of repair or replacement related to inspecting and repairing fabric, rubber equipment, and parachutes. Evaluates work orders for local manufacturing, plans layout, and fabrication of new items.

4.2.2. Disassembles, assembles, inspects, cleans, fabricates, repairs, and packs fabric and rubber components, including protective clothing, upholstery, thermal radiation barriers, protective covers, flotation equipment, emergency evacuation systems, and parachutes such as deceleration, cargo, and personnel. Installs, removes, inspects, tests, and sets manual and automatic rip cord release opening devices. Stores, handles, and inspects pyrotechnic items.

4.2.3. Operates, maintains, and inspects survival equipment machinery, test equipment, and tools. Performs operator maintenance and service inspections on shop equipment. Stores, handles, uses, and disposes of hazardous waste and materials based on environmental standards.

4.2.4. Plans, organizes, and directs aircraft fabrication maintenance activities. Interprets and implements directives and publications pertaining to fabrication, including environmentally safe practices. Establishes production controls and standards. Analyzes maintenance management reports. Determines resource requirements, including personnel, equipment, facilities, and supplies. Coordinates with other activities to improve procedures and resolve problems. Directs maintenance personnel employed in removing, disassembling, inspecting, repairing, reassembling, installing, testing, and modifying survival equipment and local manufacture activities. Solves fabrication, maintenance, local manufacture, and support equipment repair problems. Inspects and evaluates fabrication maintenance activities. Evaluates completed work to determine operational status and compliance with directives, policies, and work standards. Manages resources, interprets inspection findings, and recommends corrective action.

5. Skill/Career Progression. Adequate training and timely progression from the apprentice to the superintendent skill level play an important role in the Air Force's ability to accomplish its mission. It is essential for everyone involved in training to do their part to plan, manage, and

conduct an effective training program. The guidance provided in this part of the CFETP will ensure each individual receives necessary training at appropriate points in their career.

5.1. **Apprentice (3) Level.** Following Basic Military Training, initial skills training will be provided in a resident course at the 82d Training Wing, Sheppard AFB TX. The course will lay the foundation for additional training at the graduate's first duty assignment. Trainees will utilize the career development course (CDC), task qualification training, and other exportable courses to progress in their career field. Once the trainer task certifies the trainee, the trainee may perform that task unsupervised.

5.2. **Journeyman (5) Level.** Once upgraded to the 5-level, the journeyman will enter into continuation training to broaden their experience base by increasing their knowledge and skill in troubleshooting and solving more complex problems. Five-levels may be assigned job positions such as quality assurance and various staff positions. After having 48 months in the Air Force, 5-levels will attend Airman Leadership School (ALS) to enhance their Professional Military Education (PME). Five levels will be considered for appointment as unit trainers. Individuals will use their CDCs to prepare for Weighted Airman Promotion testing. They should also consider continuing their education toward a Community College of the Air Force (CCAF) degree.

5.3. **Craftsman (7) Level.** A craftsman can expect to fill various supervisory and management positions such as shift leader, element chief, flight chief, task certifier, and various staff positions. Exportable MDS specific courses and MAJCOM/unit directed courses are also available. Seven-levels should take courses or obtain added knowledge of management of resources and personnel. Continued academic education through CCAF and higher degree programs is encouraged. In addition, individuals will attend the Noncommissioned Officer Academy prior to pinning on MSgt.

5.4. **Superintendent (9) Level.** A 9-level can be expected to fill positions such as flight chief, superintendent, production supervisor, and other various staff SNCO jobs. Additional training in the areas of budget, manpower, resources, and personnel management should be pursued through continuing education. Individuals promoted to SMSgt will attend the Senior Noncommissioned Officer Academy. Additional higher education and completion of courses outside their career AFS is also recommended.

6. Training Decisions. The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the Survival Equipment career field. The spectrum includes a strategy for when, where, and how to meet these training requirements. The strategy must ensure we develop affordable training, eliminate duplication, and prevent a fragmented approach to training. The following training decisions were made at the career field Utilization and Training Workshop held at Sheppard AFB, Texas from 16-20 September 2002.

6.1. **Initial Skills.** As a result of the training decisions, the initial skills course will be revised. Three main areas of instruction were impacted: flight clothing was removed; installation of the beacon on back automatic parachutes and rigging of the ACES II drogue assembly were added. Additionally, proficiency levels on several STS items were changed.

6.2. **Five Level Upgrade Requirements.** The number of 5-level core tasks increased to 101. Changes to the 5-level CDCs included adding and deleting numerous items. New equipment and the breakout of CAMS screens drove the increase. It was recommended that the CAMS chapter

be rewritten to reflect fundamentals versus step-by-step instructions. Graphical interface screens will also be added.

6.3 **Seven Level Upgrade Requirements.** The following requirements were deleted from the craftsman course: all items related to supply responsibilities; cements and solvents; characteristics of the back automatic parachute, ACES II, and ACES II drogue assembly; ACES II drogue inspection/repair; soundproofing; and F-2B repair. The following requirements were added: sewing machine maintenance (Consew 206RB, Zigzag, and Chandler 767); quality verification inspection; malfunction analysis; training qualification; and graduate assessment survey/field evaluation questionnaires. Additionally, the proficiency level for developing an explosive safety program was changed from 3c to 2b, and the proficiency level for using the deficiency reporting system was changed from C to 2b.

6.4. **Supplemental Courses.** The Sewing Machine Maintenance Course was changed as follows: Training on the Singer 31-15, Singer 111W, and Darning 47W7 machines was deleted. The following training was added: time, troubleshoot, adjust, and inspect the 206RB, Zigzag, and Chandler 767 heavy weight sewing machines; and overhaul the face assembly of the 206RB. The course length was reduced from 8 days to 4 days. MAJCOM Functionals concurred on the draft course training standard for the revised course. The course will co-utilize the sewing machines used by the revised craftsman course.

6.5. **Continuation Training.** Any additional knowledge and skill requirements that were not taught through initial or upgrade training are assigned to unit training or Training Detachments. The purpose of the continuation training program is to provide additional training exceeding minimum upgrade training requirements with emphasis on present and future duty positions. MAJCOMs develop a proficiency training program that ensures individuals in the Aircraft Metals Technology career field receive the necessary training at the appropriate point in their career. The program identifies both mandatory and optional training requirements.

7. Community College of the Air Force (CCAF). CCAF offers and award job-related associate in applied science degrees and other academic credentials that enhance mission readiness, contribute to recruiting, assist in retention and support the career transitions of Air Force enlisted members. The college works with Air Force training centers, regional accrediting agencies, and hundreds of cooperating civilian colleges and universities. Since the technical nature of most Air Force courses places them on a level with college study, airmen earn fully recognized college credits for most of what they learn in formal coursework and on-the-job training.

7.1. **Degree Requirements.** All airmen are enrolled in the CCAF degree program applicable to his/her AFSC upon completion of basic military training. Prior to completing an associate degree, the member must be awarded their AFSC 5-skill level and fulfill the following academic requirements:

	Semester Hours
Technical Education	24
Leadership, Management & Military Studies	6
Physical Education	4
General Education	15
Program Elective Technical Education; Leadership, Management, and Military Studies; or General Education	15
Total	64

7.1.1. **Technical Education** (24 Semester Hours): Twenty-four semester hours are required to fulfill the Technical Education requirement. Twelve semester hours must be applied from the Technical Core area with the remaining twelve applied from either the Technical Core or the Technical Elective areas. Technical Education requirements are generally satisfied by entry-level and advanced degree-applicable courses at CCAF affiliated schools and through internship. However, additional Technical Education requirements may be satisfied by degree applicable courses accepted in transfer, testing credit, independent study or correspondence, certification, licensure or registry.

7.1.2. **Leadership, Management, and Military Studies** (6 Semester Hours): The Leadership, Management and Military Studies (LMMS) requirement may be satisfied by professional military education, civilian courses accepted in transfer and/or by testing credit. However, the preferred method of completing LMMS is through attending an airman leadership school, the NCO academy and/or the Air Force Senior NCO Academy.

7.1.3. **Physical Education** (4 Semester Hours): Completing basic military training satisfies the 4-semester-hour Physical Education requirement. Civilian courses do not apply to this requirement.

7.1.4. **General Education** (15 Semester Hours): The General Education requirement is satisfied by applying courses accepted in transfer or by testing credit. Courses that satisfy the General Education requirement are: oral communications, written communications, mathematics, social science and humanities. Courses must meet the specific criteria provided in the CCAF General Catalog.

7.1.5. **Program Elective** (15 Semester Hours): The Program Elective requirement is satisfied by courses applicable to Technical Education; LMMS; or General Education areas, including acceptable Natural and Physical Science courses. Six semester hours of CCAF degree applicable technical course credit otherwise not applicable specific degree program may be used. See the CCAF General Catalog for details regarding the Associates of Applied Science for this specialty.

7.2. **Occupational Instructor Certification.** CCAF offers the Occupational Instructor Certification (OIC) program for qualified instructors currently teaching at CCAF affiliated schools. The purpose of the certification is to recognize the excellent instructor qualification training provided to prepare our instructors to teach a CCAF course and to formally acknowledge instructor experience. To qualify for the OIC, the instructor must: Be a full-time instructor teaching a CCAF course at the time of nomination; Have at least 2 years of teaching experience from the date of teaching practicum completion; Hold an associates degree or higher; Complete a instructor methodology course of at least 3 semester hours; Complete a teaching practicum course of at least 5 semester hours; Hold the 5-skill level; And be nominated by the affiliated school commander, commandant or PME flight chief.

7.3. **AETC Instructor Requirements.** Additional off-duty education is a personal choice and is encouraged for all. Individuals desiring to become an Air Education and Training Command instructor should be actively pursuing their CCAF degree. A degreed faculty is required for CCAF to maintain accreditation through the Southern Association of Colleges and Schools.

7.4. **Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The college uses a competency based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman (Supervisor), or Master Craftsman (Manager). All are transcribed on the CCAF transcript.

7.5. To learn more about CCAF and what CCAF has to offer to assist you in your career development, visit their website at http://www.maxwell.af.mil/au/ccaf/.

8. Career Field Path

Table 8.1 Enlisted Career Path

Education and Training Requirements	Grade Requirements			
	Rank	Average Sew-On	Earliest Sew-On	High Year Of Tenure
Basic Military Training Schoool				
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 16 months		
Upgrade To Journeyman (5-Skill Level) - Minimum 15 months on-the-job training - Minimum 9 months OJT for retrainees - Complete all 5-level core tasks on one MDS - Complete appropriate CDC if/when available	Amn A1C SrA	6 months 16 months 3 years	28 months	12 years
Airman Leadership School (ALS) - Must be a SrA with 48 months time in service or is a SSgt Selectee. - Resident graduation is a prerequisite for SSgt sew-on (Active Duty Only).	Trainer - Qualified and certified to perform the task to be trained. - Have attended the formal OJT Trainers course and appointed in writing by Commander.			
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt. - 12 Months OJT - 6 Months OJT for retrainees - Complete all 5- and 7-level core tasks on one MDS - Complete appropriate CDC if/when available. - Advanced Technical School.	SSgt	7.5 years	3 years	20 years
	Certifier - Be at least a 5-skill level SSgt; and qualified and certified to perform the task being certified - Attend formal OJT Trainer course and appointed in writing by Commander - Be a person other than the trainer			
Noncommissioned Officer Academy (NCOA) - Must be a TSgt or TSgt Selectee - Resident graduation is a prerequisite for MSgt sew-on (Active Duty Only)	**TSgt** MSgt	12.5 years 16 years	5 years 8 years	24 years 26 years
USAF Senior NCO Academy (SNCOA) - Must be a SMSgt or SMSgt Selectee. - A percentage of top nonselect (for promotion to E-8) MSgts attend the SNCOA each year. - Resident graduation is a prerequisite for CMSgt sew-on (Active Duty Only)	**SMSgt**	19.2 years	11 years	28 years
Upgrade to Superintendent (9-skill Level) -- Minimum rank of SMSgt	**CMSgt**	21.5 years	14 years	30 years

8.2. Base/Unit Education and Training Manager Checklist:

Table A8.2. Base/Unit Education and Training Manager Checklist		
Requirements for Upgrade to:	**Y**	**N**
Journeyman - Has the apprentice completed mandatory CDCs, if available? - Has the apprentice completed all appropriate 5-level core tasks identified in the CFETP? - Has the apprentice completed all other duty position tasks identified by the supervisor? - Has the apprentice completed 15 months training (9 months for retrainees) for award of the 5-skill level? - Has the apprentice met mandatory requirements listed in specialty description, AFMAN 36-2108 (Airman Classification), and CFETP? - Has the apprentice been recommended by their supervisor?		
Craftsman - Has the journeyman achieved the rank of SSgt? - Has the journeyman completed mandatory CDCs? - Has the journeyman completed all core tasks identified in the CFETP? - Has the journeyman completed all other duty position tasks identified by the supervisor? - Has the journeyman attended 7-skill level Craftsman Course? - Has the journeyman completed a minimum 12 months UGT for award of the 7-skill level?		

TO: Squadron/CC

FROM: Squadron Training Manager

SUBJECT: Upgrade Trainee

Trainee is prepared to be upgraded and has completed all training requirements.

_____ _____

Training Manager Supervisor

Section C - Skill Level Training Requirements

9. Purpose. Skill level training requirements in the 2A7X4 career field are defined in terms of tasks and knowledge requirements. This section outlines the specialty qualification requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS at Part II, Sections A and B of this CFETP.

10. Specialty Qualification:

10.1**. Apprentice Level Training:**

10.1.1. **Specialty Qualification.** This information is located in the official specialty description in AFMAN 36-2108, paragraph 3.

10.1.1.1. **Knowledge**. Knowledge is mandatory of: parachute construction; temperature and humidity affects on parachutes and other fabrics; characteristics of rubberized items; solvent, heat, and pressure affects on rubber; and proper handling, use, and disposal of hazardous waste, materials, and pyrotechnics.

10.1.1.2. **Education**. For entry into this specialty, completion of high school with courses in shop mechanics is desirable.

10.1.1.3. **Training**. For award of AFSC 2A734, completion of the Survival Equipment Apprentice course is mandatory.

10.1.1.4. **Experience.** None.

10.1.1.5. **Other**. None.

10.1.2. **Training Sources and Resources.** The initial skills course will provide the required knowledge, qualification, and, if applicable, certification.

10.1.3. **Implementation.** Upon graduation from Basic Military Training (BMT), completion of the Survival Equipment Apprentice course is mandatory. This course satisfies the knowledge and training resource requirements for award of the 3-skill level.

10.2. **Journeyman Level Training:**

10.2.1. **Specialty Qualification.** This information is also located in the official specialty description in AFMAN 36-2108, paragraph 3.

10.2.1.1. **Knowledge.** Knowledge is mandatory of: parachute construction; temperature and humidity affects on parachutes and other fabrics; characteristics of rubberized items; solvent, heat, and pressure affects on rubber; and proper handling, use, and disposal of hazardous waste, materials, and pyrotechnics.

10.2.1.2. **Education.** There are no formal education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.

10.2.1.3. **Training.** For award of AFSC 2A754, the 5-level CDC provides the career knowledge training required. Qualification training and OJT will provide training and qualification on the core tasks identified in the STS. The CDC is written to build from the trainee's current knowledge base, and provides more in-depth knowledge to support OJT requirements.

10.2.1.4. **Experience.** Qualification in, and possession of, AFS 2A734. Also, experience in maintaining fabric and rubber items, flotation equipment, protective clothing, aircraft upholstery, and parachutes.

10.2.1.5. **Other.** None.

10.2.2. **Training Sources and Resources.** A minimum of 15 months on-the-job training, completion of the 2A754 CDC and 5-level core tasks represent the resources needed for award of the 5-skill level.
10.2.3. **Implementation.** Training to the 5-level is performed by the units utilizing this STS, exportable courses, and CDCs. Upgrade to the 5-level requires completion of the 2A754 CDC, completion of all core tasks on one MDS aircraft, and 15 months upgrade training.
10.3. **Craftsman Level Training:**
10.3.1 **Specialty Qualification.** This information is also located in the official specialty description in AFMAN 36-2108, paragraph 3.
10.3.1.1. **Knowledge.** A 7-level must possess knowledge of: parachute construction; effects of temperature and humidity on parachutes and other fabrics; characteristics of rubberized items; the effects of solvent, heat, and pressure on rubber; and proper handling, use, and disposal of hazardous waste, materials, and pyrotechnics.
10.3.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.
10.3.1.3. **Training.** Completion of mandatory 2AX7X CDCs, 7-level core tasks, and the resident 7-level course are mandatory for upgrade to 2A774.
10.3.1.4. **Experience.** Qualification in, and possession of, AFSC 2A754. Also, experience performing or supervising functions such as maintaining fabric and rubber items, flotation devices, protective clothing, aircraft upholstery, and parachutes.
10.3.1.5. **Other.** None.
10.3.2. **Training Sources and Resources.** Completion of the Survival Equipment Craftsman course at Sheppard AFB Texas, completion of CDC 2AX7X, along with supervisor certification of Air Force directed core tasks represent the resources required for award of the 7-skill level. The Course Objective List (COL) listed in Part II lists the training rendered at the 7-level resident course at Sheppard AFB Texas.
10.3.3. **Implementation.** Upgrade to the 7-level will require completion of all AF core tasks, 12 months OJT, completion of the 7-level CDCs and resident 7-level course at Sheppard AFB Texas.
10.4. **Superintendent Level Training:**
10.4.1 **Specialty Qualification.** This information is also located in the official specialty description in AFMAN 36-2108, paragraph 3.
10.4.1.1. **Knowledge.** Must possess knowledge of: aircraft structural maintenance, metals technology, survival equipment, and nondestructive inspection methods; characteristics and identification of aerospace and non-aerospace materials; concepts and application of maintenance directives; maintenance data reporting; and proper handling, storage, use, and disposal of hazardous waste and materials.
10.4.1.2. **Education.** There are no additional education requirements beyond those defined for the apprentice level. However, completion of a CCAF degree is desirable.
10.4.1.3. **Training.** For award of AFSC 2A790, promotion to SMSgt is mandatory.
10.4.1.4. **Experience.** For award of AFSC 2A790, qualification in, and possession of, AFSC 2A771, 2A772, 2A773, or 2A774 is mandatory. Also, experience is mandatory managing aircraft structural maintenance, metals technology, survival equipment, or nondestructive inspection specialties and functions.

10.4.1.5. **Other.** Not used.
10.4.2. **Training Sources/Resources.** No training required.
10.4.3. **Implementation.** The 9-level will be awarded after promotion to SMSgt.

Section D - Resource Constraints

11. Purpose. This section identifies known resource constraints that preclude optimal/desired training from being developed or conducted, including information such as cost and manpower. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be, as a minimum, reviewed and updated annually.

12. Apprentice Level Training: MAJCOMs provided the schoolhouse with 25 AN/URT-33 Beacons to support adding training on the installation of beacons. ACC provided the schoolhouse with one hydro-thermograph. At such time in the future that the technical orders used by 2A7X4 personnel become paperless, the schoolhouse will need 66 E-Tools Laptops. 361 TRS is pursuing funding for these computers. STS item A2.5.3 (Use IETMS) is shown with 1b/X to indicate a future requirement that cannot currently be trained because of lack of equipment.

13. Five Level Training: Sewing machines required for the Survival Equipment Craftsman course will be co-utilized with the Sewing Machine Maintenance (2A754) supplemental course. Funding has been received, and there will be no constraints on the course.

14. Seven-Level Training. The following sewing machines are required to implement the revised Survival Equipment Craftsman course: 11 Consew 206RB; 11 Zigzag; and 9 Chandler 767. AFRC purchased the Zigzag sewing machines. Funding has been received and obligated for the remaining machines. Additionally, all MAJCOMs agreed to jointly provide the schoolhouse with two MC-4 parachutes and two MC-5 parachutes.

Section E - Transitional Training Guide. There are no transition training requirements.

PART II

Section A - Specialty Training Standard

1. Implementation. This STS will be used for technical training provided by Air Education and Training Command for classes beginning on 1 October 2003. Implementation with the apprentice course will be with class 20031001 which will graduate 14 January 2004.

2. Purpose. As prescribed in AFI 36-2201, this STS:
2.1. Lists in the column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and Technical References (TR) necessary for airman to perform duties in the 3-, 5-, and 7-skill level.
2.2. Identifies in column 2 (Core Tasks) by asterisk (*), specialty-wide training requirements. Core tasks identified with an *R are optional for the AFRC and the ANG. MAJCOM Functional Managers, commanders, and supervisors may designate additional critical tasks as necessary. When designated, certify these critical tasks using normal core task certification procedures. As a minimum, certification on all AFCFM directed core tasks applicable to the specialty must be completed for skill level upgrade. Exemptions:
2.2.1. Core tasks which are not applicable to base assigned aircraft or equipment are not required for upgrade (units are not required to send personnel TDY for core task training)
2.2.2. For units with more than one mission design (e.g. A-10) aircraft, upgrade trainees need only complete core tasks on a single mission design. MFMs, unit commanders, and/or supervisors may require trainees to complete core task training on additional mission design series aircraft, if desired. Units are not exempt from minimum core task training if aircraft and equipment is assigned to another unit on base. If these core tasks involve training in another unit on base, trainees must still complete all core tasks relevant to at least one mission design aircraft. All units assigned to a base are bound by the requirements in this CFETP and will accommodate core task trainees from other units.
2.3. Provides certification for OJT. Column 3 is used to record completion of tasks and knowledge training requirements. Use Core Automated Maintenance System (CAMS)/Integrated Maintenance Data System (IMDS) to document technician qualifications, if available. Task certification must show a certification completed date.
2.4. Shows formal training and correspondence course requirements. Column 4 shows the proficiency to be demonstrated on the job by the graduate as result of training on the task/knowledge and the career knowledge provided by the correspondence course
2.5. **Qualitative Requirements.** Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.
2.6. **Job Qualification Standard**. Becomes a job qualification standard (JQS) for on-the-job training when placed in AF Form 623, **On-The-Job Training Record**, and used according to AFI 36-2201. For OJT, the tasks in column 1 are trained and qualified to the go/no go level. "Go" means the individual can perform the task without assistance and meets local requirements for accuracy, timeliness, and correct procedures. When used as a JQS, the following requirements apply:

2.6.1 Documentation. Document and certify completion of training IAW AFI 36-2201, Vol. 3. Automated records, utilizing CAMS/IMDS reflecting this STS is highly encouraged. Use of all CFETP attachments is mandatory in individual training records.

2.6.1.1. Converting from Old Document to CFETP. All AFJQSs and previous CFETPs are replaced by this CFETP; therefore, conversion of all training records to this CFETP STS is mandatory. Use this CFETP STS (or automated STS) to identify and certify all past and current qualifications. Document and certify all previous and current training IAW AFI 36-2201.

2.7. Is a guide for development of promotion tests used in the Weighted Airman Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron, by Senior NCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members as most appropriate for promotion to higher grades. Questions are based upon study references listed in the WAPS catalog. Individual responsibilities are in AFI 36-2502, *Airman Promotion Program*. WAPS is not applicable to the Air National Guard or Air Force Reserve.

3. Recommendations: Report unsatisfactory performance of individual course graduates to the AETC training manager at 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX, 76311-2264, DSN 736-3684. Reference specific STS paragraphs. A customer service information line has been installed for the supervisor's convenience to identify graduates who may have received over or under training on task/knowledge items listed in this training standard. For a quick response to problems, call our customer service information line, DSN 736-5236, any time, day or night.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

MICHAEL E. ZETTLER, Lieutenant General, USAF
DCS/Installations and Logistics

3 Attachments
1. Proficiency Code Key
2. Specialty Training Standard (STS)
3. 2AX7X CDC

PROFICIENCY CODE KEY

This Block Is For Identification Purposes Only		
Name Of Trainee		
Printed Name (*Last, First, Middle Initial*)	Initials (Written)	SSAN

Printed Name Of Training/Certifying Official And Written Initials	
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***
N/I	***N/I***

QUALITATIVE REQUIREMENTS

Proficiency Code Key		
	Scale Value	Definition: The individual
Task Performance Levels	1	**IS EXTREMELY LIMITED** (Can do simple parts of the task. Needs to be told or shown how to do most of the task.)
	2	**IS PARTIALLY PROFICIENT** (Can do most parts of the task. Needs only help on hardest parts.)
	3	**IS COMPETENT** (Can do all parts of the task. Needs only a spot check of completed work.)
	4	**IS HIGHLY PROFICIENT** (Can do the complete task quickly and accurately. Can tell or show others how to do the task.)
*Task Knowledge Levels	a	**KNOWS NOMENCLATURE** (Can name parts, tools, and simple facts about the task.)
	b	**KNOWS PROCEDURES** (Can determine step by step procedures for doing the task.)
	c	**KNOWS OPERATING PRINCIPLES** (Can identify why and when the task must be done and why each step is needed.)
	d	**KNOWS ADVANCED THEORY** (Can predict, isolate, and resolve problems about the task.)
**Subject Knowledge Levels	A	**KNOWS FACTS** (Can identify basic facts and terms about the subject.)
	B	**KNOWS PRINCIPLES** (Can identify relationship of basic facts and state general principles about the subject.)
	C	**KNOWS ANALYSIS** (Can analyze facts and principles and draw conclusions about the subject.)
	D	**KNOWS EVALUATION** (Can evaluate conditions and make proper decisions about the subject.)

Explanations

* A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Example: b and 1b)

** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.

\- This mark is used alone instead of a scale value to show that no proficiency training is provided in the courses or CDCs.

/ This mark is used in course columns to show that training is required but not given due to limitations in resources (3c/b, 2b/b etc.).

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
1. Tasks, Knowledge And Technical References		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
NOTE 1: Users are responsible for annotating training references to identify current references pending STS revision..												
NOTE 2: All knowledge and tasks identified as training requirements in column 4A will be taught during wartime.												
NOTE 3: Items in column 2A/2B marked with an asterisk (*) identify core tasks. Core tasks identified with */R are optional for ANG and AFRC.												
NOTE 4: Item A2.5.3 showing proficiency code 1b/X identifies a future requirement that cannot currently be trained because of lack of equipment.												
NOTE 5: To teach the area on sewing machines, the 3-level technical school will use the Chandler 767 and the Consew 206RB sewing machines.												
A2.1.	CAREER LADDER PROGRESSION TR: AFMAN 36-2108								-	B	-	-
A2.2.	SPECIFIC OPSEC VULNERABILITIES OF AFSC 2A7X4 TR: AFI 10-1101								A	-	-	-
A2.3.	AIR FORCE OCCUPATIONAL SAFETY AND HEALTH (AFOSH) PROGRAM TR: AFMAN 91-201, AFI 91-205, Applicable OSHA and AFOSH STDs											
A2.3.1.	Hazards of AFSC 2A7X4								A	B	-	-
A2.3.2.	Observe safety precautions for protection of personnel and equipment								2b	B	-	-
A2.3.3.	Maintain safe work area TR: AFI 32-2001								2b	B	-	-
A2.3.4.	Procedures for accident reporting								A	B	-	-
A2.3.5.	Safety marking and symbols								A	B	-	-
A2.3.6.	Flightline safety								A	B	-	-
A2.3.7.	Initial Federal Hazard Communication Training Program (FHCTP)								A	-	-	-
A2.3.8.	Develop explosive safety program								-	-	-	2b
A2.4.	HAZARDOUS MATERIALS AND WASTE HANDLING ACCORDING TO ENVIRONMENTAL STANDARDS TR: Applicable Material Safety Data Sheets (MSDS)											
A2.4.1.	Types of hazardous material/fluids								B	-	-	-
A2.4.2.	Handling procedures								B	-	-	-
A2.4.3.	Storage and labeling								B	-	-	-
A2.4.4.	Proper disposal								B	-	-	-
A2.5.	TECHNICAL PUBLICATIONS TR: AFPD 21-3, TOs 00-5-1, 00-5-2, 00-5-15											
A2.5.1.	Technical Order system								B	B	-	-
A2.5.2.	Use technical orders	*							3c	B	-	-

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
1. Tasks, Knowledge And Technical References		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.5.3.	Use Interactive Electronic Technical Manual Systems (IETMS)								1b/X	-	-	-
A2.5.4.	Procure technical orders								-	-	-	-
A2.5.5.	Maintain technical order files								-	-	-	-
A2.5.6.	Submit technical order improvement report								B	B	-	3c
A2.6.	USAF SUPPLY SYSTEM AFSC 2A7X4 TR: AFMAN 23-110CD, Applicable 21-X Series Instructions, Applicable Allowance Standards, TO 00-20 Series, TO 00-25-06-2-1, and TO 00-35D-54											
A2.6.1.	Property accountability and responsibility								A	B	-	-
A2.6.2.	Use Fed Log								b	B	-	-
A2.6.3.	Use applicable forms								-	B	-	-
A2.6.4.	Use applicable tags								2b	B	-	-
A2.6.5.	Use allowance standards								-	B	-	-
A2.6.6.	Repair Cycle Assets (DIFM)								-	B	-	-
A2.6.7.	Use supply reports		*						-	-	-	-
A2.7.	MAINTENANCE MANAGEMENT											
A2.7.1.	Maintenance Group/Operations Group Structure TR: 21-Series, AFI 38-Series								A	B		
A2.7.2.	Basic functions within Maintenance Complex TR: Applicable 21-X Series Instructions								-	B	-	-
A2.8.	SUPERVISION											
A2.8.1.	Orient new personnel TR: AFMAN 36-2108, AFI 36-2201, applicable OSHA and AFOSH Standards								-	-	-	-
A2.8.2.	Plan work assignments TR: AFI 21-101								-	-	-	-
A2.8.3.	Schedule TR: AFI 21-101											
A2.8.3.1.	Work assignments								-	-	-	-
A2.8.3.2.	Other activities such as ancillary training, staff meetings, and leave time								-	-	-	-
A2.8.4.	Assign TR: AFI 21-101											
A2.8.4.1.	Maintenance tasks								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.8.4.2.	Personnel to duty positions								-	-	-	-
A2.8.5.	Supervise personnel in accomplishing maintenance tasks TR: AFIs 21-101, 21-112								-	-	-	-
A2.8.6.	Analyze maintenance reports TR: AFIs 21-101, 23-205, TO 00-20-1								-	-	-	C
A2.8.7.	Prepare/Write											
A2.8.7.1.	Maintenance reports TR: AFH 33-337, AFIs 21-101, 23-205, TO 00-20-1								-	-	-	-
A2.8.7.2.	Visual aids, such as organizational, functional, and training charts TR: AFI 21-101, AFMAN 36-2108								-	-	-	-
A2.8.8.	Establish TR: AFIs 21-101, 23-205, AFMAN 36-2108											
A2.8.8.1.	Work methods								-	-	-	-
A2.8.8.2.	Performance standards								-	-	-	-
A2.8.9.	Evaluate work performance of subordinates TR: AFI 36-2406								-	-	-	-
A2.8.10.	Justify TR: AFI 21-101, AFMAN 23-110CD											
A2.8.10.1.	Personnel								-	-	-	-
A2.8.10.2.	Equipment								-	-	-	-
A2.8.11.	Resolve technical problems encountered by subordinates								-	-	-	-
A2.8.12.	Counsel personnel to resolve individual problems TR: AFI 36-2104, AFPAM 36-2241								-	-	-	-
A2.8.13.	Initiate action to correct substandard personnel performance TR: AFIs 36-2907, 36-3208								-	-	-	-
A2.9.	TRAINING TR: AFIs 21-112, 36-2201											
A2.9.1.	Evaluate personnel to determine need for training								-	-	-	-
A2.9.2.	Plan and supervise OJT											
A2.9.2.1.	Prepare job qualification standards								-	-	-	-
A2.9.2.2.	Conduct training								-	-	-	-
A2.9.3.	Monitor effectiveness of training											
A2.9.3.1.	Career knowledge								-	-	-	-
A2.9.3.2.	Upgrade								-	-	-	-
A2.9.3.3.	Qualification								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.9.4.	Maintain training records								-	-	-	B
A2.9.5.	Evaluate training programs								-	-	-	B
A2.9.6.	OJT trainer requirements											
A2.9.6.1.	Prepare teaching outlines or task breakdowns								-	-	-	-
A2.9.6.2.	Provide trainees theory and train on actual equipment								-	-	-	-
A2.9.6.3.	Provide trainee feedback								-	-	-	-
A2.9.7.	OJT task certifier requirements											
A2.9.7.1.	Develop methods of evaluation to determine trainee knowledge/ qualification, and training effectiveness								-	-	-	-
A2.9.7.2.	Use appropriate method of evaluation and effectively determine trainee's ability								-	-	-	-
A2.9.7.3.	Provide supervisor and trainer feedback on results of training provided, and trainee's strengths/ weaknesses								-	-	-	-
A2.10.	MAINTENANCE AND INSPECTION											
A2.10.1.	Inspection systems TR: TO 00-20 series								A	B	-	-
A2.10.2.	Quality verification inspection		*						-	-	-	3c
A2.10.3.	In-process inspection		*						-	-	-	3c
A2.10.4.	Maintenance data collection forms (AFTO Form 349/350) TR: TO 00-20 series								A	B	-	-
A2.10.5.	Use Product Quality Deficiency Reporting (PQDR) System/ Deficiency Report Entry and Mail Submitter (DREAMS) TR: TO 00-35D-54		*						a	B	-	2b
A2.10.6.	Maintenance Information Systems											
A2.10.6.1.	Core Automated Maintenance System (CAMS)/Integrate Maintenance Data System (IMDS). TR: AFCSM 21 Series											
A2.10.6.1.1.	Review work center event listing	*							2b	B	-	-
A2.10.6.1.2.	Clear work center event	*							2b	B	-	-
A2.10.6.1.3.	Create work center event	*							2b	B	-	-
A2.10.6.1.4.	Defer work center event								-	-	-	-
A2.10.6.1.5.	Schedule work center event								-	-	-	-
A2.10.6.2.	Use G081 (CAMS for mobility)								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.10.6.3.	Use Standard Base Supply System (SBSS)								b	B	-	-
A2.11.	HAND TOOLS TR: TO 32-1-101											
A2.11.1.	Types								A	B	-	-
A2.11.2.	Use								3c	B	-	-
A2.11.3.	Care								b	B	-	-
A2.11.4	Use special tools TR: 33K series								3c	B	-	-
A2.12.	SHOP EQUIPMENT TR: TOs 00-20-7, 34-1-3, and applicable equipment publications											
A2.12.1.	Fabric cutters											
A2.12.1.1.	Use								-	B	-	-
A2.12.1.2.	Inspect								-	B	-	-
A2.12.1.3.	Maintain								-	B	-	-
A2.12.2.	Hot knife											
A2.12.2.1.	Use								-	B	-	-
A2.12.2.2.	Inspect								-	B	-	-
A2.12.2.3.	Clean								-	B	-	-
A2.12.3.	Wax pot											
A2.12.3.1.	Use								-	B	-	-
A2.12.3.2.	Inspect								-	B	-	-
A2.12.3.3.	Clean								-	B	-	-
A2.12.4.	Air compressor											
A2.12.4.1.	Use								a	B	-	-
A2.12.4.2.	Inspect								-	-	-	-
A2.12.4.3.	Maintain								-	-	-	-
A2.12.4.4.	Repair								-	-	-	-
A2.12.5.	Oil water separators											
A2.12.5.1.	Use								a	B	-	-
A2.12.5.2.	Inspect								-	-	-	-
A2.12.5.3.	Drain								-	-	-	-
A2.12.6.	Regulators											
A2.12.6.1.	Use								a	B	-	-
A2.12.6.2.	Inspect								-	-	-	-
A2.12.7.	Stencil machine											
A2.12.7.1.	Use								-	-	-	-
A2.12.7.2.	Inspect								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.12.7.3.	Maintain								-	-	-	-
A2.12.7.4.	Repair								-	-	-	-
A2.12.8.	Lifting devices											
A2.12.8.1.	Use								-	B	-	-
A2.12.8.2.	Inspect								-	B	-	-
A2.12.8.3.	Maintain								-	-	-	-
A2.12.9.	Water tester TR: 14P3-5-91											
A2.12.9.1.	Use								-	-	-	-
A2.12.9.2.	Inspect								-	-	-	-
A2.12.9.3.	Maintain								-	-	-	-
A2.12.10.	Heat seal machines											
A2.12.10.1.	Use	*							-	B	-	-
A2.12.10.2.	Inspect	*							-	B	-	-
A2.12.10.3.	Maintain								-	B	-	-
A2.13.	TEST EQUIPMENT TR: TOs 33D3-15-18-1, 33D7-71-42-1											
A2.13.1.	Release tester (SCOT) TR: TO 14D2-8-1											
A2.13.1.1.	Pretest	*							2b	b	-	-
A2.13.1.2.	Use	*							2b	b	-	-
A2.13.1.3.	Inspect	*							2b	b	-	-
A2.13.2.	Hydrothermograph											
A2.13.2.1.	Use	*							a	b	-	-
A2.13.2.2.	Inspect	*							-	b	-	-
A2.13.3.	Weight scales											
A2.13.3.1.	Use	*							2b	b	-	-
A2.13.4.	Pressure gauges											
A2.13.4.1.	Use	*							2b	b	-	-
A2.13.5.	Porosity tester											
A2.13.5.1.	Use								-	-	-	-
A2.13.5.2.	Inspect								-	-	-	-
A2.13.5.3.	Maintain								-	-	-	-
A2.13.6.	Belt tester TR: TO 13A1-1-1 and 13A1-1-2											
A2.13.6.1.	Use								-	-	-	-
A2.13.6.2.	Inspect								-	-	-	-
A2.13.6.3.	Maintain								-	-	-	-

		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
1. Tasks, Knowledge And Technical References		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.13.7.	Multimeter											
A2.13.7.1.	Use	*							-	b	-	-
A2.13.8.	Push/pull tester											
A2.13.8.1.	Use	*							2b	b	-	-
A2.13.9.	CO2 recharging pump TR: TO 34Y-14-2-12-24											
A2.13.9.1.	Use								-	-	-	-
A2.13.9.2.	Maintain								-	-	-	-
A2.14.	APPLICABLE HARDWARE TR: TOs 00-25-120, 13C-1-41											
A2.14.1.	Inspect								2b	B	-	-
A2.14.2.	Remove								2b	B	-	-
A2.14.3.	Install								2b	B	-	-
A2.15.	SEWING TECHNIQUES TR: TO 00-25-120 and 13C5 14 Series TOs											
A2.15.1.	Textile materials											
A2.15.1.1.	Terms and characteristics								B	B	-	-
A2.15.1.2.	Types and uses								B	B	-	-
A2.15.1.3.	Store								b	B	-	-
A2.15.2.	Use applicable knots	*							3c	B	-	-
A2.15.3.	Use hand seams								3c	B	-	-
A2.15.4.	Use machine seams								3c	B	-	-
A2.16.	CEMENTS AND SOLVENTS TR: Applicable AFOSH Standards, TO 42A3-1-2, Applicable MSDS											
A2.16.1.	Use								2b	B	-	-
A2.16.2.	Store								b	B	-	-
A2.17.	SEWING MACHINES TR: Applicable AFOSH Standards, TO 34Y7-2-1, TM-DGSC-3530-101, and Applicable Commercial Manuals											
A2.17.1.	Nomenclature								B	B	-	-
A2.17.2.	Operate	*							3c	B	-	-
A2.17.3.	Perform preventive maintenance											
A2.17.3.1.	Inspect	*							3c	B	-	-
A2.17.3.2.	Clean	*							3c	B	-	-
A2.17.3.3.	Lubricate	*							3c	B	-	-
A2.17.4.	Perform operator maintenance											
A2.17.4.1.	Replace needles	*							3c	B	-	-
A2.17.4.2.	Replace presser feet	*							3c	B	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.17.4.3.	Set thread tension	*							3c	B	-	-
A2.17.5.	Perform sewing machine maintenance											
A2.17.5.1.	Medium weight											
A2.17.5.1.1.	Troubleshoot		*						2b	B	-	3c
A2.17.5.1.2.	Time		*						2b	B	-	3c
A2.17.5.1.3.	Adjust		*						2b	B	-	3c
A2.17.5.1.4.	Face assembly overhaul		*						-	B	-	3c
A2.17.5.2	Zigzag											
A2.17.5.2.1.	Troubleshoot		*						-	-	-	3c
A2.17.5.2.2.	Time		*						-	-	-	3c
A2.17.5.2.3.	Adjust		*						-	-	-	3c
A2.17.5.3.	Heavy weight											
A2.17.5.3.1.	Troubleshoot		*						2b	B	-	3c
A2.17.5.3.2.	Time		*						2b	B	-	3c
A2.17.5.3.3.	Adjust		*						2b	B	-	3c
A2.18.	USE APPLICABLE PARACHUTE AND FLOTATION LOGS AND RECORDS TR: AFCSM 21-566 thru 21-579; TOs 00-25-241, 14D series, 14P series, and 14S series								2b	B	-	-
A2.19.	PARACHUTE SYSTEMS TR: AFMAN 91-201; TOs 00-85A-13-1, 11A-1-10, 11P, 13A5, 13C5, 14D and 33D Series as applicable											
A2.19.1.	Theory of parachute operations								B	B	-	C
A2.19.2.	Malfunction analysis								-	-	-	C
A2.19.3.	Clean								b	B	-	-
A2.19.4.	Store								-	B	-	-
A2.19.5.	Ship								-	B	-	-
A2.19.6.	Back automatic parachutes											
A2.19.6.1.	Characteristics								B	B	-	-
A2.19.6.2.	Inspect/pack	*							3c	B	-	-
A2.19.6.3.	Repair		*						-	B	-	c
A2.19.6.4.	Assemble/disassemble	*							2b	-	-	-
A2.19.6.5.	4 line release								2b	-	-	-
A2.19.7.	Chest style (C-12)											
A2.19.7.1.	Inspect/pack								-	-	-	-
A2.19.7.2.	Repair								-	-	-	-
A2.19.7.3.	Assemble/disassemble								-	-	-	-

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.19.8.	Chest style (CA-12)											
A2.19.8.1.	Inspect/pack								-	-	-	-
A2.19.8.2.	Repair								-	-	-	-
A2.19.8.3.	Assemble/disassemble								-	-	-	-
A2.19.9.	Chest style (reserve)											
A2.19.9.1.	Inspect/Pack								-	-	-	-
A2.19.9.2.	Repair								-	-	-	-
A2.19.9.3.	Assemble/disassemble								-	-	-	-
A2.19.9.4.	4 line release								-	-	-	-
A2.19.10.	Modified improved reserve parachute (MIRPS)											
A2.19.10.1.	Inspect/pack								-	-	-	-
A2.19.10.2.	Repair								-	-	-	-
A2.19.10.3.	Assemble/disassemble								-	-	-	-
A2.19.11.	MC-4 (main)											
A2.19.11.1.	Inspect/pack								-	A	-	-
A2.19.11.2.	Repair								-	-	-	-
A2.19.11.3.	Assemble/disassemble								-	-	-	-
A2.19.12.	MC-4 (reserve)											
A2.19.12.1.	Inspect/pack								-	A	-	-
A2.19.12.2.	Repair								-	-	-	-
A2.19.12.3.	Assemble/disassemble								-	-	-	-
A2.19.13.	MC-5 (main)											
A2.19.13.1.	Inspect/pack								-	A	-	-
A2.19.13.2.	Repair								-	-	-	-
A2.19.13.3.	Assemble/disassemble								-	-	-	-
A2.19.14.	MC-5 (reserve)											
A2.19.14.1.	Inspect/pack								-	A	-	-
A2.19.14.2.	Repair								-	-	-	-
A2.19.4.3.	Assemble/disassemble								-	-	-	-
A2.19.15.	MT1X/MT1S											
A2.19.15.1.	Inspect/pack								-	-	-	-
A2.19.15.2.	Repair								-	-	-	-
A2.19.15.3.	Assemble/disassemble								-	-	-	-
A2.19.16.	MC1-1B											
A2.19.16.1.	Inspect/pack								-	-	-	-
A2.19.16.2.	Repair								-	-	-	-
A2.19.16.3.	Assemble/disassemble								-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.19.17. MC1-1C											
A2.19.17.1. Inspect/pack								-	-	-	-
A2.19.17.2. Repair								-	-	-	-
A2.19.17.3. Assemble/disassemble								-	-	-	-
A2.19.18. T-10											
A2.19.18.1. Inspect/pack								-	-	-	-
A2.19.18.2. Repair								-	-	-	-
A2.19.18.3. Assemble/disassemble								-	-	-	-
A2.19.19. Troop Main A/P28S											
A2.19.19.1. Inspect/pack								-	-	-	-
A2.19.19.2. Repair								-	-	-	-
A2.19.19.3. Assemble/disassemble								-	-	-	-
A2.19.20. ACES II Recovery Systems											
A2.19.20.1. Characteristics								B	B	-	-
A2.19.20.2. Inspect/pack	*							3c	B	-	-
A2.19.20.3. Repair		*						-	B	-	c
A2.19.20.4. Assemble/disassemble	*							-	-	-	-
A2.19.20.5. 4 line release								2b	-	-	-
A2.19.20.6. Torso harness (PCU 15/P or 16/P)											
A2.19.20.6.1. Repair		*						-	-	-	-
A2.19.20.6.2. Modify	*							-	-	-	-
A2.19.21. ACES II Drogue Systems											
A2.19.21.1. Characteristics								B	B	-	-
A2.19.21.2. Inspect	*							3c	B	-	-
A2.19.21.3. Rig	*							3c	B	-	-
A2.19.21.4. Pack	*							3c	B	-	-
A2.19.21.5. Repair		*						-	B	-	c
A2.19.22. T-38 Drogue											
A2.19.22.1. Characteristics								-	-	-	-
A2.19.22.2. Inspect/pack								-	-	-	-
A2.19.22.3. Repair								-	-	-	-
A2.19.22.4. Assemble/disassemble								-	-	-	-
A2.19.23. B-52 Drogue											
A2.19.23.1. Characteristics								-	-	-	-
A2.19.23.2. Inspect/pack								-	-	-	-
A2.19.23.3. Repair								-	-	-	-
A2.19.23.4. Assemble/disassemble								-	-	-	-
A2.19.24. B-52 Deceleration Parachutes											

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.19.24.1. Characteristics								-	-	-	-
A2.19.24.2. Inspect								-	-	-	-
A2.19.24.3. Pack								-	-	-	-
A2.19.24.4. Assemble/Disassemble								-	-	-	-
A2.19.25. F-117 Deceleration Parachutes											
A2.19.25.1. Characteristics								-	-	-	-
A2.19.25.2. Inspect								-	-	-	-
A2.19.25.3. Pack								-	-	-	-
A2.19.25.4. Assemble/disassemble								-	-	-	-
A2.19.26. Cargo Parachutes											
A2.19.26.1. Characteristics								-	B	-	-
A2.19.26.2. Inspect/pack								-	B	-	-
A2.19.26.3. Repair								-	-	-	-
A2.19.26.4. Assemble/disassemble								-	-	-	-
A2.19.27. SCOT Release											
A2.19.27.1. Remove/inspect	*							3c	B	-	-
A2.19.27.2. Clean	*							-	B	-	-
A2.19.27.3. Install	*							3c	B	-	-
A2.19.28. FF-2 Hite Finder Release TR: TO 14D1-2-469-2											
A2.19.28.1. Inspect								-	-	-	-
A2.19.28.2. Clean								-	-	-	-
A2.19.28.3. Service								-	-	-	-
A2.19.29. AR – Square Release											
A2.19.29.1. Inspect								-	-	-	-
A2.19.29.2. Clean								-	-	-	-
A2.19.29.3. Service								-	-	-	-
A2.19.30. Parachute Accessories											
A2.19.30.1. Types								B	B	-	-
A2.19.30.2. Beacon											
A2.19.30.2.1. Remove	*							2b	B	-	-
A2.19.30.2.2. Install	*							2b	B	-	-
A2.19.30.3. Oxygen bottle											
A2.19.30.3.1. Remove	*							2b	B	-	-
A2.19.30.3.2. Inspect	*							2b	B	-	-
A2.19.30.3.3. Install	*							2b	B	-	-
A2.19.30.4. Hook blade knife											
A2.19.30.4.1. Remove	*							2b	B	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.19.30.4.2. Inspect	*							2b	B	-	-
A2.19.30.4.3. Install	*							2b	B	-	-
A2.19.30.5. Personal lowering device											
A2.19.30.5.1. Remove	*							2b	B	-	-
A2.19.30.5.2. Inspect	*							2b	B	-	-
A2.19.30.5.3. Install	*							2b	B	-	-
A2.19.30.5.4. Repair								-	-	-	-
A2.19.30.6. Strobe light											
A2.19.30.6.1. Remove	*							-	B	-	-
A2.19.30.6.2. Inspect	*							-	B	-	-
A2.19.30.6.3. Install	*							-	B	-	-
A2.19.30.7. Survival kit											
A2.19.30.7.1. Remove	*							2b	B	-	-
A2.19.30.7.2. Inspect	*							2b	B	-	-
A2.19.30.7.3. Install	*							2b	B	-	-
A2.19.30.8. Survival pamphlet											
A2.19.30.8.1. Remove	*							2b	B	-	-
A2.19.30.8.2. Inspect	*							2b	B	-	-
A2.19.30.8.3. Install	*							2b	B	-	-
A2.19.30.9. CRU- 60/P Mounting Bracket											
A2.19.30.9.1. Remove	*							2b	B	-	-
A2.19.30.9.2. Inspect	*							2b	B	-	-
A2.19.30.9.3. Install	*							2b	B	-	-
A2.19.30.10. Survival kit actuator											
A2.19.30.10.1. Remove	*							-	B	-	-
A2.19.30.10.2. Inspect	*							-	B	-	-
A2.19.30.10.3. Install	*							-	B	-	-
A2.20. FABRIC ITEMS TR: TOs, 13A1-1-1, 13A1-1-2, 13A1-8-1, and Applicable Aircraft Technical Publications											
A2.20.1. Inspect								2b	B	-	-
A2.20.2. Repair								2b	B	-	-
A2.20.3. Modify								-	B	-	-
A2.20.4. Interpret blueprints/drawings		*						-	B	-	3c
A2.20.5. Protective covers											
A2.20.5.1. Types								B	B	-	-
A2.20.5.2. Fabricate	*							2b	B	-	-
A2.20.6. Upholstery											

1. Tasks, Knowledge And Technical References		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
		A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
		5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.20.6.1.	Types								B	B	-	-
A2.20.6.2.	Fabricate								2b	B	-	-
A2.20.7.	Soundproofing											
A2.20.7.1.	Types								B	B	-	-
A2.20.7.2.	Fabricate								2b	B	-	-
A2.20.8.	Aircraft thermal radiation barrier/curtains											
A2.20.8.1.	Inspect/clean								-	B	-	-
A2.20.8.2.	Repair								-	B	-	-
A2.20.8.3.	Fabricate/fit								-	B	-	-
A2.20.9.	Restraint/safety devices											
A2.20.9.1.	Inspect								-	-	-	-
A2.20.9.2.	Test								-	-	-	-
A2.20.9.3.	Repair/modify								-	-	-	-
A2.20.9.4.	Assemble								-	-	-	-
A2.21.	PROTECTIVE/ORGANIZATIONAL CLOTHING TR: TOs 00-25-120, 14P3-1, 14P3-5, 14P3-6 and 14P3-11 Series											
A2.21.1.	Flight Clothing											
A2.21.1.1.	Inspect								-	-	-	-
A2.21.1.2.	Repair								-	-	-	-
A2.21.2.	Anti exposure suits											
A2.21.2.1.	CWU 16/P											
A2.21.2.1.1.	Inspect	*							2b	B	-	-
A2.21.2.1.2.	Repair/test	*							2b	B	-	-
A2.21.2.1.3.	Pack	*							2b	B	-	-
A2.21.2.2.	CWU 74/P or 62/P											
A2.21.2.2.1.	Assemble	*							b	B	-	-
A2.21.2.2.2.	Repair	*							b	B	-	-
A2.21.2.2.3.	Modify	*							-	B	-	-
A2.21.2.2.4.	Inspect/test								b	-	-	-
A2.21.2.3.	CWU-21/P											
A2.21.2.3.1.	Assemble								-	-	-	-
A2.21.2.3.2.	Modify								-	-	-	-
A2.21.2.3.3.	Repair								-	-	-	-
A2.21.2.4.	CWU-21A/P											
A2.21.2.4.1.	Assemble								-	-	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.21.2.4.2. Modify								-	-	-	-
A2.21.2.4.3. Repair								-	-	-	-
A2.21.2.5. CWU-23/P											
A2.21.2.5.1. Inspect								-	-	-	-
A2.21.2.5.2. Modify								-	-	-	-
A2.21.2.5.3. Repair								-	-	-	-
A2.21.3. Anti gravity suit											
A2.21.3.1. Repair	*							b	B	-	-
A2.21.3.2. Modify	*							b	B	-	-
A2.21.4. Survival vests											
A2.21.4.1. Repair	*							-	-	-	-
A2.21.4.2. Modify	*							-	-	-	-
A2.21.5. CSU-17/P Anti-Gravity Vest											
A2.21.5.1. Repair								-	-	-	-
A2.21.5.2. Modify								-	-	-	-
A2.22. FLOTATION EQUIPMENT TR: Applicable AFOSH Standards, TOs 14S series											
A2.22.1. Life Rafts, Multiplace											
A2.22.1.1. F-2B											
A2.22.1.1.1. Inspect	*							2b	B	-	-
A2.22.1.1.2. Pack	*							2b	B	-	-
A2.22.1.1.3. Repair	*							2b	B	-	-
A2.22.1.2. 25 man											
A2.22.1.2.1. Inspect	*							-	B	-	-
A2.22.1.2.2. Pack	*							-	B	-	-
A2.22.1.2.3. Repair	*							-	B	-	-
A2.22.1.3. 46 man											
A2.22.1.3.1. Inspect	*							-	A	-	-
A2.22.1.3.2. Pack	*							-	A	-	-
A2.22.1.3.3. Repair	*							-	A	-	-
A2.22.1.4. LRU-1P											
A2.22.1.4.1. Inspect	*							-	-	-	-
A2.22.1.4.2. Pack	*							-	-	-	-
A2.22.1.4.3. Repair	*							-	-	-	-
A2.22.2. Life Rafts, One Man											
A2.22.2.1. Types								B	B	-	-
A2.22.2.2. Inspect								-	B	-	-

1. Tasks, Knowledge And Technical References	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.22.2.3. Repair								-	B	-	-
A2.22.3. LRU 16/P											
A2.22.3.1. Inspect	*							3c	-	-	-
A2.22.3.2. Repair	*							2b	-	-	-
A2.22.4. Inflation Equipment											
A2.22.4.1. Operational fundamentals								B	B	-	-
A2.22.4.2. Service								-	B	-	-
A2.22.4.3. Inspect								-	-	-	-
A2.22.4.4. Repair								-	-	-	-
A2.22.5. Life Preservers											
A2.22.5.1. LPU 3/P or 10/P											
A2.22.5.1.1. Inspect	*							3c	B	-	-
A2.22.5.1.2. Pack	*							3c	B	-	-
A2.22.5.1.3. Repair	*							b	B	-	-
A2.22.5.2. LPU-9/P											
A2.22.5.2.1. Inspect	*							3c	B	-	-
A2.22.5.2.2. Pack	*							3c	B	-	-
A2.22.5.2.3. Repair	*							-	B	-	-
A2.22.5.3. LPU 36/P											
A2.22.5.3.1. Inspect								-	-	-	-
A2.22.5.3.2. Pack								-	-	-	-
A2.22.5.3.3. Repair								-	-	-	-
A2.22.5.4. MB-1											
A2.22.5.4.1. Inspect	*							-	B	-	-
A2.22.5.4.2. Pack	*							-	B	-	-
A2.22.5.4.3. Repair	*							-	B	-	-
A2.22.5.5. LPU-6/P											
A2.22.5.5.1. Inspect	*							-	B	-	-
A2.22.5.5.2. Pack	*							-	B	-	-
A2.22.5.5.3. Repair	*							-	B	-	-
A2.22.5.6. A-A-50652											
A2.22.5.6.1. Inspect	*							A	B	-	-
A2.22.5.6.2. Pack	*							A	B	-	-
A2.22.5.6.3. Repair	*							-	B	-	-
A2.22.6. Escape Slides											
A2.22.6.1. Types								B	B	-	-
A2.22.6.2. Inspect								b	B	-	-
A2.22.6.3. Pack								b	B	-	-

	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used to Indicate Training/Information Provided (See Atch 1)			
1. Tasks, Knowledge And Technical References	A	B	A	B	C	D	E	A 3 Skill Level	B CDC		C 7 Skill Level
	5	7	Tng Start	Tng Comp	Trainee Initials	Trainer Initials	Certifier Initials	Course	5	7	Course
A2.22.6.4. Repair								-	B	-	-

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
NOTE 1: Users are responsible for annotating training references to identify current references pending STS revision.												
NOTE 2: This attachment is to be used in conjunction with other attachments in applicable CFETPs.												
NOTE 4: This attachment is to be used as a correlation document for the 2AX7X 7-level Aerospace Maintenance Craftsman CDC's.												
NOTE 5: All items are SUBJECT KNOWLEDGE LEVELS only and require no certification on this STS.												
A3.1.	MANAGEMENT WITHIN THE MAINTENANCE COMPLEX TR: AFI 21-101, AFI 21-118 and specific MAJCOM guidance											
A3.1.1.	Functions of the Maintenance Complex								-	-	-	B
A3.1.2.	Operations / Logistics Group Commander Responsibilities TR: AFI 38-101, AFPD 38-1								-	-	-	B
A3.1.3.	Accountability and Core Values								-	-	-	B
A3.1.4.	Aircraft Maintenance Management Information Systems								-	-	-	B
A3.1.5.	Maintenance Analysis								-	-	-	B
A3.1.6.	Compliance and Standardization Requirements Listings								-	-	-	A
A3.1.7.	Maintenance Quality Performance Measures (QPM) Relationships								-	-	-	B
A3.1.8.	Health-of-the-Fleet Metrics								-	-	-	B
A3.1.9.	Foreign Object Damage (FOD) Program Manager TR: AFI 21-101								-	-	-	A
A3.1.10.	Joint Oil Analysis Program TR: T.O. 33-1-37-1								-	-	-	B
A3.1.11.	Mobility								-	-	-	A
A3.1.12.	Hazard Declarations for Mobility Packages TR: AFMAN 24-204								-	-	-	A
A3.1.13.	Hazardous Material Handling Procedures TR: AFJMAN 24-204, AFI 91-301, AFI 24-202, AFMAN 23-110								-	-	-	B
A3.1.14.	Production Supervisor, Flight Chief and Expediter Duties and Responsibilities								-	-	-	B
A3.1.15.	Special Certification Rosters								-	-	-	B
A3.1.16.	Maintenance Incident Investigation and Prevention TR: AFI 91-204								-	-	-	B
A3.1.17.	Aircraft Impoundment TR: AFI 91-204								-	-	-	A
A3.1.18.	Operational Risk Management (ORM) TR: AFPD 90-9, AFI 90-901, AFPAM 90-902								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.1.19.	Restricted Maintenance Areas								-	-	-	A
A3.1.20.	Force Protection TR: AFDD 2-4.1								-	-	-	A
A3.1.21.	Classification Info, Access to Classified, COMSEC, OPSEC, COMPUSEC TR: AFI 33-211, AFI 10-1101, AFI 33-202								-	-	-	B
A3.1.22.	Proper Handling of Classified Assets TR: AFI 31-101								-	-	-	A
A3.1.23.	Aircraft Inspection Concepts TR: TO 00-20-5								-	-	-	B
A3.2.	ENLISTED SPECIALTY TRAINING TR: AFI 36-2201 and MAJCOM directives											
A3.2.1.	Training Management and Records								-	-	-	B
A3.2.2.	Automated Training Records								-	-	-	B
A3.2.3.	Career Field Education and Training Plan (CFETP)								-	-	-	B
A3.2.4.	Specialty Training Standard (STS)								-	-	-	B
A3.2.5.	Occupational Survey Report (OSR)								-	-	-	B
A3.2.6.	Utilization and Training Workshop (U&TW)								-	-	-	B
A3.2.7.	Training Forecast / Request								-	-	-	A
A3.2.8.	Training Waiver Process								-	-	-	B
A3.2.9.	Field Evaluation Questionnaire (FEQ) and Graduate Assessment Survey								-	-	-	A
A3.3.	ACCOUNTABILITY FOR RECORDS, REPORTS, AND FORMS TR: AFI 21-109, TO 00-35D-54, TO 00-20 Series and applicable MAJCOM guidance											
A3.3.1.	Historical Records								-	-	-	B
A3.3.2.	Minimum Essential Configuration Management (MESL)								-	-	-	B
A3.3.3.	Automated Maintenance Systems								-	-	-	A
A3.3.4.	Reliability Availability, Maintainability, Logistics Engineering Support System for Electronic Attack Pods and Integrated Systems (RAMPOD), Core Automated Maintenance System for Airlift (GO 81)								-	-	-	A
A3.3.5.	Core Automated Maintenance System (CAMS) TR: AFM 66-279 Vol. I-XXVII, T.O. 00-20-2								-	-	-	B
A3.3.6.	Job Data Documentation (JDD)								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.3.7.	Air Force Technical Order (AFTO) Forms 781 and 244 / 245								-	-	-	B
A3.3.8.	Configuration Management								-	-	-	B
A3.3.9.	Aircraft / Equipment Modifications								-	-	-	B
A3.3.10.	Nuclear Surety TR: AFI 91-101								-	-	-	B
A3.3.11.	Dull Sword Reporting TR: AFI 91-204								-	-	-	B
A3.4.	SUPPLY MANAGEMENT TR: DOD 7200-10, AFM 67-1, AFMAN 23-220, AFMAN 23-110 and applicable MAJCOM guidance											
A3.4.1.	Maintenance Supply Concept TR: AFMAN 23-110								-	-	-	B
A3.4.2.	Supply Documents Management								-	-	-	B
A3.4.3.	Precious Metal Program TR: AFMAN 23-110								-	-	-	A
A3.4.4.	Bench Stock								-	-	-	A
A3.4.5.	Air Force Technical Order (AFTO) 375								-	-	-	A
A3.4.6.	Quick Reference List (QRL)								-	-	-	A
A3.4.7.	Standard Base Supply System (SBSS) TR: AFMAN 23-110								-	-	-	B
A3.4.8.	Integrated Logistic System-Supply (ILS-S) and Global Combat Support System (GCSS) TR: AFMAN 23-110								-	-	-	A
A3.4.9.	Priority Systems								-	-	-	B
A3.4.10.	Repair Cycle Assets								-	-	-	B
A3.4.11.	Report of Survey, Statement of Charges								-	-	-	B
A3.4.12.	Equipment Account Management								-	-	-	B
A3.4.13.	Custodian Authorization/Custody Receipt Listing (CA/CRL)								-	-	-	A
A3.4.14.	Precision Measurement Equipment Laboratory (PMEL)								-	-	-	A
A3.4.15.	Computer System Management TR: AFI 33-112								-	-	-	A
A3.4.16.	Special Purpose Recoverable Authorized Maintenance (SPRAM) TR: AFMAN 23-110								-	-	-	A
A3.4.17.	Air Force Management System (AFEMS)								-	-	-	A
A3.4.18.	Status of Resources and Training (SORTS)								-	-	-	A

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES	2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
	A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
	5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.4.19. Land Mobile Radios, Pagers, Cell Phones TR: AFI 33-106								-	-	-	A
A3.4.20. Shelf Life Program TR: AFMAN 23-110								-	-	-	A
A3.4.21. Hazardous Materials (HAZMAT) TR: Applicable AFOSH STD's, AFI's and MAJCOM guidance								-	-	-	B
A3.4.22. Qualified Products Listing								-	-	-	B
A3.5. LOGISTICS AND RESOURCE MANAGEMENT TR: AFPD 21-1											
A3.5.1. Logistics Management								-	-	-	B
A3.5.2. Agile Logistics								-	-	-	A
A3.5.3. Two-Level Maintenance (2LM)								-	-	-	A
A3.5.4. Execution and Prioritization of Repair System (EXPRESS)								-	-	-	A
A3.5.5. Readiness Based Leveling (RBL) TR: AFMAN 23-110								-	-	-	A
A3.5.6. Resource Management								-	-	-	B
A3.5.7. Air Force Government-Wide Purchase Card Program and Air Force Form 9 TR: AFI 67-117								-	-	-	A
A3.5.8. Air Force Enhancement Program (AFREP) TR: AFI 21-123								-	-	-	A
A3.5.9. Financial Plan (FIN Plan)								-	-	-	A
A3.5.10. Appropriation (APPN) 3400 and 3080 Budgeting								-	-	-	A
A3.5.11. Budget Line 3010								-	-	-	A
A3.5.12. Air Force Materiel Command (AFMC) Responsibilities								-	-	-	A
A3.5.13. Developmental Test and Evaluation (DT&E) Operational Test and Evaluation (OT&E)								-	-	-	A
A3.5.14. Defense Logistics Agency								-	-	-	A
A3.5.15. Special Experience Identifier (SEI) TR: AFMAN 36-2108								-	-	-	B
A3.5.16. Unit Manpower Document (UMD) and Unit Management Personnel Roster (UMPR)								-	-	-	A
A3.5.17. Manning Standards, and Logistics Composite Model (LCOM) TR: AFI 38-201, AFMAN 38-208								-	-	-	A
A3.5.18. Technical Order Management								-	-	-	B

1. TASKS, KNOWLEDGE AND TECHNICAL REFERENCES		2. Core Tasks		3. Certification For OJT					4. Proficiency Codes Used To Indicate Training/Information Provided (See Note)			
		A	B	A	B	C	D	E	A 3 Skill Level	B 5 Skill Level	C 7 Skill Level	
		5	7	Training Start	Training Complete	Trainee Initials	Trainer Initials	Cert Initials	(1) Crse	(1) CDC	(1) Crse	(2) CDC
A3.5.19.	Technical Order Distribution Office (TODO), Technical Order Distribution Account (TODA), Technical Order Distribution Control Activity (TODCA), Technical Order Review Board (TORB) TR: TO 00-5-1, TO 00-5-2								-	-	-	A
A3.5.20.	Air Force Technical Order Forms 22, 27, 110, 158								-	-	-	A
A3.5.21.	Automated Technical Order Management System (ATOMS) TR: TO 00-5-2								-	-	-	A
A3.5.22.	Time Compliance Technical Orders (TCTO) TR: TO 00-5-15								-	-	-	A
A3.5.23.	Centralized Technical Order Management Organization (CTOM) TR: TO 00-5-1								-	-	-	A
A3.5.24.	Joint Computer –aided Acquisition and Logistic Support (JCALS)								-	-	-	A
A3.5.25.	Electronic Technical Orders								-	-	-	A
A3.5.26.	Deficiency Reporting (Hardware and Software) Product Quality Deficiency Reporting System (PQDR), TR: TO 00-35D-54								-	-	-	B
A3.5.27.	Reporting of Deficiency (ROD)								-	-	-	B
A3.5.28.	Bad Actor Program TR: TO 00-20-1, TO 00-35D-54								-	-	-	A
A3.5.29.	Technical Improvement Product Working Group (TIPWG), System Training Plan (STP), Program Management Review (PMR)								-	-	-	A
A3.5.30.	Corrosion Prevention Advisory Board (CPAB) TR: AFI 21-105								-	-	-	A
A3.6.	COMPUTER APPLICATION											
A3.6.1.	Using Applications								-	-	-	B
A3.6.2.	Form Flow								-	-	-	B
A3.6.3.	Air Force Electronic Publishing Library (AFEPL)								-	-	-	B
A3.6.4.	World Wide Web (www), Internet								-	-	-	B
A3.6.5.	Local Area Networks (LAN)								-	-	-	B

Section B - Course Objective List

4. Measurement. Each proficiency coded STS task or knowledge item taught at the technical school is measured through the use of an objective. An objective is a written instruction for the student so he or she knows what is expected of them to successfully complete training on each task. Each objective is comprised of a condition, behavior, and standard which states what is expected of the student for each task. The condition is the setting in which the training takes place. The behavior is the action a student must demonstrate to accomplish a task (i.e. repack an ACES II recovery parachute assembly). The standard is the level of performance that is measured to ensure the STS proficiency code level is attained. Each objective uses letter code(s) to identify how it is measured. All objectives use the **PC** code which indicates a progress check is used to measure subject or task knowledge. Progress checks are also used to measure student accomplishment of performance objectives. **W** indicates a comprehensive written test and is used to measure the subject and/or task knowledge at the end of a block of instruction. **PC/W** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

5. Standard. The standard is 70% on written examinations. Standards for performance measurement are indicated in the objective and delineated on the individual progress checklist. The checklist is used by the instructor to document each student's progress on each task. Instructor assistance is provided as needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained. Students must satisfactorily complete all PCs prior to taking the written test.

6. Proficiency Level. Most task performance is taught to the "2b" or "3c" proficiency level. The "2b" means the student can do most parts of the task, but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step by step procedures for doing the task. The "3c" means the student can do all parts of the task but may need a spot check of completed work (competent). The student should be able to identify why and when the task must be done and why each step is needed.

7. Course Objectives. If you require detailed course descriptions and objectives, please provide a written request to the AETC Training Manager, 361 TRS/TRR, 501 Missile Road, Sheppard AFB TX 76311-2264.

Section C - Support Material

8. Support material is any training package designed to enhance the learning process at any level of training. Refer to Air Force Education and Training Course Announcements (ETCA) for information on AETC formal courses. ETCA can be accessed at https://etca.randolph.af.mil.

Section D - Training Course Index

9. Purpose. This index lists Air Force resident, Air Force Institute for Advanced Distributed Learning (AFIADL), and exportable courses used to support training for this specialty. Refer to

Air Force Education and Training Course Announcements (ETCA) for information on AETC formal courses listed below.

9.1. **Air Force In-Resident Courses.**

COURSE NUMBER	COURSE TITLE	OPR
J3ABR2A734 003	Survival Equipment Apprentice	361 TRS
J3AZR2A754 001	Sewing Machine Maintenance	361 TRS
J3ACR2A774 001	Survival Equipment Craftsman	361 TRS

9.2. **Air Force Institute for Advanced Distributed Learning (AFIADL) Courses.**

COURSE NUMBER	COURSE TITLE	OPR
CDC 2A754	Survival Equipment Journeyman	361 TRS
CDC 2AX7X	Aerospace Maintenance Craftsman	USAF/ ILMM

9.3. **Distance Learning Courses.**

COURSE NUMBER	COURSE TITLE	OPR	MEDIA
J6ANU00066 044	General Technical Order System	362 TRS	DL
J6ANU00066 045*	Advanced Technical Order System	362 TRS	DL
J6ANU00066 046**	Integrated Maintenance Data System (IMDS) for Flightline and Backshop	362 TRS	DL

*In revision
**In development

Section E - MAJCOM Unique Requirements.

10. For MAJCOM unique requirements, refer to the MAJCOM mandatory course lists.

- CAF MCL https://lg.acc.af.mil/lgq/lgqt/NEWLGQTHOME.htm.
- MAF MCL https://amclg.scott.af.mil/lgm/lgmm/lgmmt/hello.html